

**IV. NEW AND GLOBAL + OLD APPROACH PRODUCT LEGISLATION:****A. Standard questionnaire to be filled for each sector individually:**

**Sector:** Motor vehicles

**1. Harmonisation of laws including technical regulations****1.1. Legal basis**

- **References (and copies) of the publication of acts and decrees transposing Directive(s) ..... into the national legislation of your country:**

According to Articles 8 to 11 of the Association Council Decision No. 1/95, Turkey has undertaken to adopt EU technical legislation, and the list of the legislation to be adopted as well as the conditions and rules of implementation of this legislation are set out in the Association Council Decision No. 2/97.

The Directives on Motor Vehicles are transposed and published in the form of Regulations pursuant to the “Law No. 2918 on Road Traffic”.

In this context, the references of the directives published in the Official Gazette in the form of Regulations are given below.

a) Type Approval of Motor Vehicles and Their Trailers:

98/14/EC version of Directive 70/156/EC has been published in the Official Gazette No. 23653, dated 1 April 1999.

2001/116/EC version of this Directive has been published in the Official Gazette No. 25307, dated 5 December 2003, and entered into force on the date of its publication.

b) Regulation on Type Approval of Two- or Three-wheeled Motor Vehicles:

Directive 92/61/EC has been transposed and published in the Official Gazette No. 23743, dated 2 July 1999.

This Directive has been repealed and superseded by the Directive 2002/24/EC published in the Official Gazette No. 25679, dated 23.12.2004.

c) Wheeled Agricultural or Forestry Tractors

Directive 74/150/EC has been transposed and published in the Official Gazette No. 23576, dated 7 January 1999, and entered into force on the date of its publication.

2001/3/EC version of this Directive was published in the Official Gazette No. 25780, dated 8 April 2005. It will enter into force on 1 July 2007.

- **Date of entry into application of the national measures transposing the Directive:**

The list of the national legislation transposing the EU Directives is attached. This list indicates the dates of the entry into force of the national legislation. Regulations that are indicated in *Italic* form are the ones, which were sent to the European Commission for opinion.

- **If not yet transposed, please indicate the state of play, expected timing, steps to be undertaken, difficulties encountered (if any):**

- Directive 2005/64/EC on reusability, recyclability of motor vehicles,

- 2005/66/EC on Front Protection Systems for Motor Vehicles was recently issued by the Commission.

These directives will be transposed in 2007.

The Directive 74/150/EEC on type approval of wheeled agricultural or forestry tractors is implemented in its 2000/25/EC version. The investment of the laboratories to carry out EMC tests have not been completed yet, 2001/3/EC version will enter into force on 1 July 2007. As the same applies to 2003/37/EC this version could not be transposed as well. It is planned to be published in 2007 and put into force in 2009.

### **1.2. Responsible authority**

- **Name and contact details of the competent authority (government, ministry, department, service) and person(s) in charge of transposing the Directive into national legislation**

Ministry of Industry and Trade  
DG for Industry

Eskişehir Yolu 7.km  
ANKARA/TURKEY

[sanayi@sanayi.gov.tr](mailto:sanayi@sanayi.gov.tr)  
Tel: +90 312 2860365  
Fax: +90 312 2853144

### **1.3. Notified bodies**

- **Has your country the intention to notify conformity assessment bodies for the Directive? If so, could you already identify these bodies (name, and contact details) and indicate the conformity tasks (products and modules) that they will be entitled to perform**

Approval Authority:

Ministry of Industry and Trade (37A)  
DG for Industry  
Eskişehir Yolu 7. Km No:154  
06100 ANKARA/ Turkey

Tel: +90 312 2860365  
Fax: +90 312 2853144

As the legislation on motor vehicles is an old approach legislation, Technical Services are used.

These are:

- Turkish Standards Institute (TSE) (37/B),

TSE has been assigned for all directives and UNECE regulations. The laboratories have been accredited by TÜRKAK to EN 17025.

- Istanbul Technical University, Automotive Main Science Division (37/C),

The University currently implements the Project “Upgrading the Physical Infrastructure regarding Conformity Assessment and Market Surveillance - Automotive Sector” for the establishment of a testing laboratory. Accreditation process will be initiated upon the completion of the project.

- Frenteknik Automotive Industry and Trading Co. Ltd. (37/E)

Accredited by DAR, Germany. Assigned for Directive 71/320/EEC and UNECE Regulations R-13, R-13 H and R-90 on braking devices.

- Agricultural Equipment and Machinery Testing Center under the Ministry of Agriculture and Rural Affairs (37/D), which was accredited by TÜRKAK and assigned for directives and UNECE regulations on wheeled agricultural or forestry tractors.

## **2. Implementation**

### **2.1. Participation in Standing Committee and Experts' Group**

- **Name, function and contact details of the representatives (and their alternates, if any) of your country's governmental authorities designated or to be designated to represent your country in the meetings of the standing committee and experts' group established under the Directive:**

The experts in the Ministry and the members of technical subcommittees operating under the Technical Committee on Motor Vehicles have been attending the following technical committees under the Commission.

- Motor Vehicles Working Group (MVWG)
- Motor Vehicles Emissions Group (MVEG)
- Motorcycle Working Group (MCWG)
- Working Group on Agricultural Tractors (WGAT)

## 2.2. Implementing structure

- *Responsible authority central/local:*

**Name and contact details of the competent authority (government ministry, department, service) and person(s) in charge of implementing the provisions of the Directive in the territory of your country:**

Ministry of Industry and Trade  
DG For Industry  
Automotive Industry Division

Eskişehir Yolu 7. km  
ANKARA/TURKEY  
[sanayi@sanayi.gov.tr](mailto:sanayi@sanayi.gov.tr)  
Tel: +90 312 2860365  
Fax: +90 312 2853144

- *Implementation:*

- **Explain how implementation of the Directive in your country will be ensured (monitoring and control tools: market surveillance and others)**
- **Explain how market surveillance is carried out and on which basis**
- **Resources available: specify the number and qualification of personnel designated for market surveillance activities (divided in office staff/field personnel)**
- **Cost: What budget will be provided for market surveillance activities? How will this be financed?**

Transposition of directives and type approval procedures for motor vehicles are carried out by the General Directorate for Industry of the MIT.

The Technical Committee on Motor Vehicles (MARTEK) formed by the representatives from public and private sectors has been established to discuss and take decisions on transposition and implementation of EU technical legislation on motor vehicles. 11 technical subcommittees have been established to operate thereunder.

Technical Subcommittees:

1. Technical Subcommittee on Noise
2. Technical Subcommittee on Lighting and Light Signaling Devices
3. Technical Subcommittee on Emission and Energy
4. Technical Subcommittee on Braking and Driving Systems
5. Technical Subcommittee on General Safety
6. Technical Subcommittee on Tyres
7. Technical Subcommittee on Passive Safety
8. Technical Subcommittee on Trailers
9. Technical Subcommittee on Agricultural or Forestry Tractors
10. Technical Subcommittee on Two- or Three-wheeled Motor Vehicles

## 11. Technical Subcommittee on Manufacturing, Modification and Assembly of Motor Vehicles

The Technical Subcommittees formed by the representatives from public and private sectors and the approval authority carry out studies on transposition and implementation and forward their conclusions to MARTEK.

MARTEK meets monthly, evaluates the output from technical subcommittees and take advisory decisions for the approval authority.

The advisory decisions of MARTEK on the Directives are evaluated by the approval authority and published in the Official Gazette in the form of regulations.

In order to issue a vehicle type approval certificate, the Framework Regulation requires that the vehicle should have component, system or separate technical unit type approval certificates depending on vehicle categories as required by respective separate regulations.

### - Component, system or separate technical unit type approval

The manufacturer applies to technical services with information and documents referred to in the respective directives or UNECE Regulations to have testing and inspections.

The reports issued by technical services are sent to the MIT, which is the Approval Authority.

The reports are reviewed by the Approval Authority.

Component, system or separate technical unit type approval certificate is issued for the reports approved by the Ministry.

### - Vehicle Type Approval

The applications for vehicle type approvals for vehicles without EC type approval certificate in all categories are lodged with the MIT with the information documentation referred to in respective framework directives.

The approval authority (MIT) carries out necessary examinations as required by respective type approval regulations.

The component, system or separate technical unit type approvals issued by approval authorities in EU Member States are accepted.

Vehicle Type Approval Certificate is issued for the applications that fulfill the requirements.

The conformity control methods employed in the manufacturing facilities where the type approved products are manufactured are inspected according to the provisions of respective directives on conformity and continuous verification procedures.

### - The EC type approvals for motor vehicles are accepted for manufacturing and import.

The market surveillance under these directives is carried out pursuant to the provisions of the "Regulation on the Procedures and Principles for Market Surveillance to be performed by

Ministry of Industry and Trade” (published in the Official Gazette No. 25103, dated 9 May 2003). On the other hand, the legal bases of the MIT’s market surveillance activities are;

✓ “The Law No. 4703 on the Preparation and Implementation of Technical Legislation on Products (the Law No. 4703).”

The Law No. 4703 was published in the Official Gazette No. 24459, dated 11 July 2001.

✓ “The Regulation No. 2001/3529 on Market Surveillance of Products”

This Regulation was published in the Official Gazette No. 24643, dated 17 January 2002.

Currently, the market surveillance under directives mentioned above is carried out by 81 Provincial Directorates of the Ministry under the coordination of the Automotive Division of DG for Industry. Market surveillance is carried out by technical personnel, mostly engineers, employed in both headquarters (14 people) and provincial directorates (600 people).

Approximately 200,000 Euros have been allocated for costs of testing under market surveillance activities of DG for Industry for the year 2006.

All other costs (travel, daily allowances, training, etc.) are covered out from the budget of MIT.

This amount is for market surveillance activities of DG for Industry for the following directives, EMC; LVD; Motor Vehicles, ATEX, Lift, Machinery, Explosives for civil uses, cableways, Noise Emission, Gas Emission, Crystal Glass.

The personnel expenses of the provincial directorates’ staff are granted from their own budget.

- ***Methods of enforcement:***

- **What means/methods will be available in your country for enforcing compliance with the Directive(s)?**

- **Which are the reactive methods available?**

- **Rights of the authority: What are the powers of the authority?**

- **Penalties: which will be the penalties applicable to violation of the national implementing measures?**

All actions are taken and penalties applied (including administrative fines, withdrawal from the market and disposal of the product, granting time limit for remedying the non-conformity, informing the public through media of the non-conforming products as well as of the manufacturer) according to the provisions of the “Regulation on the Procedures and Principles for Market Surveillance to be performed by Ministry of Industry and Trade” (published in the Official Gazette No. 25103, dated 9 May 2003, the “Regulation No. 2001/3529 on Market Surveillance of Products” (published in the Official Gazette No. 24643, dated 17 January 2002), and the Law No. 4703. In each case, such actions and penalties are applied considering the level of non-conformity and the principle of proportionality.

The personnel in charge of market surveillance is authorized to make examinations on the product, review the documents and/or conformity marking, make physical examination, take samples for testing.

The type approval certificate is withdrawn according to relevant provisions of the Regulations on parts and components in case of non-conforming products being placed on the market.

### 3. Calibration, metrology, standards, testing, certification, conformity assessment, accreditation and market surveillance

Please provide information on the relevant regimes for the products in this sector:

- short description and
- further evolution.

Inspections are carried out according to the provisions of Directives 2001/116/EC on Type Approval of Motor Vehicles and Their Trailers, 74/150/EEC on Type Approval of Wheeled Agricultural or Forestry Tractors and 92/61/EC on Type Approval of Two- or Three-wheeled Motor Vehicles, on “conformity of production” and “continuous verification” procedures.

#### MARKET SURVEILLANCE ACTIVITIES

Regulation	No. of Manufacturers Inspected	No. of Types	Inspection Result		Conclusion
			Conforming	Non-conforming	
92/61/EC, 2002/24/EC	7	12	5	7	-Fine, -Conformity Testing -Suspension of Import
ECE R 69, ECE R 70	2	4	2	2	-Fine, -Time limit for remedying non-conformity
2001/116/EC	1	1	0	1	- Fine -Time limit for remedying non-conformity

Calibration:

The testing instruments and equipment used in conformity assessment activities by conformity assessment bodies and testing laboratories serving automotive industry are calibrated at regular intervals.

The major calibration bodies in Turkey are:

- Turkish Standards Institute (TSE)
- National Metrology Institute (UME)

There are 21 calibration laboratories listed below, which are accredited under the scope of calibration activities by TÜRKA.

1. Turkish Standards Institute Metrology and Calibration Department
2. Egemet Kalibrasyon - Ölçüm Ticaret Ltd. Şti. Calibration Laboratory
3. Elimko Elektronik İmalat ve Kontrol Ticaret Limited Şirketi – Temperature Calibration Laboratory
4. Turkish Standards Institute Quality Campus – Metrology and Calibration Directorate
5. Anadolu Kalibrasyon Mühendislik ve Petrol Ürünleri Pazarlama San. ve Tic. Ltd. Şti. – Calibration Laboratory
6. Simkal Kalibrasyon Ve Danışmanlık San. ve Tic. Ltd. Şti. – Calibration Center
7. Profilo Telra Elektronik Sanayi ve Ticaret A.Ş.- Calibration Laboratory
8. Pakkens Calibration Laboratory
9. Esdaş Elektronik Sistemler Destek San. ve Tic.A.Ş. Calibration Laboratory
10. Baykon Endüstriyel Kontrol Sistemleri A.Ş. Calibration Laboratory
11. Otoyol Sanayi A.Ş. Calibration Center
12. Ums Uzmanlar Metroloji Servisi Müh. Müş. Mümes. San ve Tic. Ltd. Şti. Ankara Calibration Laboratory
13. Heraeus Electro-Nite Termoteknik San. ve Tic. A.Ş. Calibration Laboratory
14. Uzmanlar Metroloji Servisi Sanayi ve Ticaret Ltd. Şti. İstanbul Calibration Laboratory
15. Uzmanlar Kalibrasyon Servisi Sanayi ve Ticaret Ltd. Şti. Calibration Laboratory
16. Mcm Kalibrasyon Hizmetleri Teknik Dan. Paz. Ltd. Şti.



17. Kal-Met Kalibrasyon Ticaret Limited Şirketi Calibration Laboratory
18. Metav Makine Sanayi ve Ticaret Limited Şirketi Calibration Laboratories
19. Markal Kalibrasyon ve Danışmanlık Hizmetleri San. ve Tic. Ltd. Şti.
20. Emre Müşavirlik Kalibrasyon Turizm ve Dış Ticaret Ltd. Şti.
21. Turkish Air Forces Command, 3<sup>rd</sup> Air Forces Completion and maintenance Centre, Command Calibration Centre

#### Metrology:

Scientific Metrology : TÜBİTAK National Metrology Institute

Legal Metrology : The MIT – DG for Measurements and Standards

Industrial Metrology : Accredited Calibration Laboratories

#### Standards:

The Turkish Standards Institute (TSE) is an independent, non-governmental and public organization, which is responsible for drawing up standards for all kinds of products and services.

As the legislation on motor vehicles and their trailers is an old approach legislation, there is no harmonized European standard on motor vehicles.

#### Testing Laboratories for Market Surveillance

There are currently no laboratories owned by the MIT. The laboratories of Technical Services are used for market surveillance purposes under the supervision of the MIT.

#### Certification and Conformity Assessment:

All certification and conformity assessment services under motor vehicle legislation are performed by Technical Services.

#### Accreditation:

TÜRKAK is the sole national accreditation body established by the Law No. 4457 to assess competence with the internationally recognized standards of organizations that provide certification, testing, inspection and calibration services

TÜRKAK has a management system fully compatible with ISO/IEC 17011.

TÜRKAK has 4 operational sections responsible for the following accreditation activities :

- Accreditation of Laboratories (ISO/IEC 17025)

- Accreditation of Systems Certification Bodies ( EN 45012 / ISO/IEC G 66
- Accreditation of Product Certification and Inspection Bodies ( EN 45011 / ISO 17020)
- Accreditation of Personnel Certification Bodies ( ISO/IEC 17024)

TÜRKAK is a full member of EA since 2003.

It takes part in EA technical committees and General Assemblies regularly TÜRKAK applied to EA to join MLAs for testing labs, calibration labs, inspection bodies and system certification bodies in 2005.

EA Peer-evaluation of TÜRKAK took place in January 2006 and revealed satisfactory results. It is estimated that TÜRKAK is going to join above-mentioned EA MLAs in mid 2006.

Number of accreditations and its operational sections given by TÜRKAK are listed below (as of 31 January 2006):

Testing Laboratories	: 32
Calibration Laboratories	: 21
ISO 9001 Certification	: 14
ISO 14011 Certification	: 5
Personnel Certification	: 2
Product Certification	: 2
<u>Inspection</u>	<u>: 13</u>
TOTAL	: 89

#### Market Surveillance:

Since its establishment, the MIT has been carrying out market surveillance activities according to its national legislation with its inspectors at 81 provincial directorates.

The “Law No. 3143 on the Organization and Tasks of Ministry of Industry and Trade” (issued in 1985) defines the current organizational structure of MIT. Since 1985, market controls on almost all industrial products such as pressure equipment, measuring instruments, construction products have been performed by MIT according to the national legislation.

The experience gained by the MIT since 1985 has contributed to MIT’s adaptation to the requirements of the market surveillance system foreseen by the EU system.

The MIT strengthened and re-organized its existing system according to the new legislation:

The “Regulation on the Procedures and Principles for Market Surveillance to be performed by Ministry of Industry and Trade” was published in the Official Gazette on 9 May 2003 and it entered into force as of the date of its publication.

In this regulation, the principles of inspection and the sanctions to be imposed are defined in detail together with the duties and responsibilities of the inspectors.

According to this Regulation;

- Three performing DGs are responsible for market surveillance together with 81 provincial directorates: DG for Industry, DG for Measurement and Standards, DG for Protection of Consumers and Competition,
- A Coordination Commission was established in order to ensure co-ordination among different DGs and provincial directorates concerning market surveillance. The Commission, which makes the general policy of the MIT, consists of the Director Generals of the DG for Industry, DG for Measurement and Standards, DG for Protection of Consumers and Competition and DG for EU Coordination, the first Legal Consultant of the Ministry, Head of Data Processing Department and meets every three months under the presidency of the Undersecretary of the Ministry.
- Between the years 2003-2005 which were regarded as a transition period, MIT performed market surveillance in the form of providing information to the manufacturers about the new system. By the end of this transition period, MIT has started to impose sanctions within the context of market surveillance activities.

The total number of inspectors: 670

DG for Industry: 25

DG for Measurement and Standards: 25

DG for Consumer Protection and Competition: 20

Provincial Directorates: 600

In order to improve the competency of inspectors, further trainings were held within the framework of some EU projects in addition to the in-house training performed by MIT:

“Upgrading the Physical Infrastructure regarding Conformity Assessment and Market Surveillance – Automotive Sector” (Financial Cooperation Program 2002)

Further evolution:

The MIT intends to strengthen its type approval system by improving the cooperation with EU Member States through the European Type Approval Exchange System (ETAES) regarding the type approvals granted. Furthermore, finalisation of the current opinion exchange on the transposed legislation of Turkey will contribute providing that the type approvals issued by MIT are accepted in the EU.

## ANNEX: NATIONAL LEGISLATION TRANSPOSING THE RELEVANT EU LEGISLATION

<b>MOTOR VEHICLES</b>				
<b>TITLE OF THE LEGISLATION</b>	<b>DATE OF PUBLICATION</b> (Turkish Official Gazette)	<b>EFFECTIVE DATE</b>	<b>IMPLEMENTATION LEVEL</b>	<b>TECHNICAL SERVICES</b>
<b>70/156/EC</b> Type approval of motor vehicles and trailers	OG dated 01/04/1999 and no. 23653 <b>Amendment:</b> OG date 5/12/2003 and no. 25307	01/04/1999	2001/116/EC	
<b>70/157/EEC</b> Permissible sound level and the exhaust system of motor vehicles	OG dated 30/11/2000 and no. 24246 <b>Amendment:</b> OG dated 14/72004 and no. 25522	30/11/2000	99/101/EC (M1) 84/424/EC (others)	Turkish Standards Institute (TSE) E 37/B Istanbul Technical University (ITU) E 37/C
<b>70/220/EEC</b> Measures to be taken against air pollution by emissions from motor vehicles	OG dated 24/09/2003 and no. 25239 <b>Amendment:</b> OG dated 19/9/2004 and no. 25588	24/09/2003 Mandatory application date 01/01/2007	91/441/EEC 98/69/EEC	Turkish Standards Institute (TSE) Istanbul Technical University (ITU)
<b>70/221/EEC</b> Liquid fuel tanks and rear underrun protection of motor vehicles and trailers	OG dated 23/09/1999 and no. 23825 <b>Amendment:</b> OG dated 16/08/2002 and	23/09/1999 01/07/2003	2000/8/EEC	Turkish Standards Institute (TSE) Istanbul Technical University (ITU)

	no. 24848			
<b>70/222/EEC</b> Space for mounting and the fixing of rear registration plates on motor vehicles and trailers	OG dated 11/07/1999 and no. 23752 <b>Amendment:</b> OG date 20/12/2001 and no. 24616	11/07/1999	70/222/EC	Turkish Standards Institute (TSE) Istanbul Technical University (ITU)
<b>70/311/EEC</b> Steering equipment for motor vehicles and their trailers	OG dated 15/12/2000 and no. 24261 <b>Amendment:</b> OG dated 15/06/2001 and no. 24440	15/03/2001	99/7/EEC	Turkish Standards Institute (TSE) TUV SUD E 37/E
<b>70/387/EEC</b> Doors of motor vehicles and trailers	OG dated 12/10/1999 and no. 23844 <b>Amendment I:</b> OG dated 16/02/2002 and no. 24673 <b>Amendment II:</b> OG dated 25/07/2003 and no. 25179	12/10/1999	98/90/EC	Turkish Standards Institute (TSE) Istanbul Technical University (ITU) TUV SUD
<b>70/388/EEC</b> Audible warning devices for motor vehicles	OG dated 01/05/1999 and no. 23682 <b>Amendment:</b> OG dated 11/12/1999 and no. 23903	01/05/1999	87/354/EC	Turkish Standards Institute (TSE) Istanbul Technical University (ITU)
<b>71/127/EEC</b> Rear-view mirrors of	OG dated 09/11/1999 and	09/11/1999	88/321/EC	Turkish Standards Institute (TSE)

<b>motor vehicles</b>	no. 23871 <b>Amendment:</b> OG dated 09/05/2000 and no. 24044			Istanbul Technical University (ITU) TUV SUD
<b>71/320/EEC</b> <b>Braking system of certain categories of motor vehicles and their trailers</b>	OG dated 30/1/2002 and no. 24656 <b>Amendment I:</b> OG dated 15/07/2003 and no. 25169 <b>Amendment II:</b> OG dated 9/2/2005 and no. 25722	30/01/2002	98/12/EC  2002/78/EC	Turkish Standards Institute (TSE) Istanbul Technical University (ITU) Fren Teknik Otomotive Industry and Trade Ltd. Inc. E 37/E
<b>72/245/EEC</b> <b>Electromagnetic compatibility of motor vehicles</b>	OG dated 05/01/2002 and no. 24631	01/10/2002	95/54/EC	Turkish Standards Institute (TSE) TUV SUD
<b>72/306/EEC</b> <b>Measures to be taken against the emission of pollutants from diesel engines for use in vehicles</b>	OG dated 03/07/2002 and no. 24804	03/10/2002 Mandatory application date 01/01/2003	97/20/EC	Turkish Standards Institute (TSE) Istanbul Technical University (ITU)
<b>74/60/EEC</b> <b>Internal fittings of motor vehicles</b>	OG dated 10/01/2002 and no. 24636	10/04/2002	2000/4/EC	Turkish Standards Institute (TSE)
<b>74/61/EEC</b> <b>Protection devices against unauthorized use.</b>	OG dated 09/07/2001 and no. 24457	09/10/2001	95/56/EC	Turkish Standards Institute (TSE) Istanbul Technical University (ITU) TUV SUD

<b>74/297/EEC Interior Fittings of Motor Vehicles (Behavior of Steering Mechanism in case of Crush</b>	OG dated 02/08/2001 and no. 24481	02/11/2001	91/662/EC	Turkish Standards Institute (TSE)  TUV SUD
<b>74/408/EEC Seats, Anchorage and Head Restraints of Motor Vehicles</b>	OG dated 18/08/2001 and no. 24497	18/11/2001	96/37/EC	Turkish Standards Institute (TSE)  TUV SUD
<b>74/483/EEC External projections of motor vehicles</b>	OG dated 13/01/2002 and no. 24639	13/04/2002	87/354/EC	Turkish Standards Institute (TSE)  Istanbul Technical University (ITU)
<b>75/443EEC Reverse and speedometer of motor vehicles</b>	OG dated 08/05/2001 and no. 24392	08/08/2001	97/39/EC	Turkish Standards Institute (TSE)
<b>76/114/EEC Statutory plates and inscriptions for motor vehicles and their trailers, and their location and method of attachment</b>	OG dated 24/2/2001 and no. 24328	24/05/2001	87/354/EC	Turkish Standards Institute (TSE)  Istanbul Technical University (ITU)
<b>76/115/EEC Anchorages for motor vehicle safety belts</b>	OG dated 9/01/2001 and no. 24282	9/04/2001	96/38/EC	Turkish Standards Institute (TSE)  TUV SUD
<b>76/756/EEC Installation of lighting and light- signaling devices on motor vehicles and their trailers</b>	OG dated 10/08/2000 and no. 24136  <b>Amendment:</b>  OG dated 03/02/2001 and no. 24307	10/11/2000	97/28/EC	Turkish Standards Institute (TSE)  Istanbul Technical University (ITU)

<b>76/757/EEC Reflex reflectors for motor vehicles and their trailers</b>	OG dated 13/05/2001 and no. 24401.	13/08/2001	97/29/EC	Turkish Standards Institute (TSE)
<b>76/758/EEC Extreme contour lamps, Front Position (Side) Lamps, Rear Position (Side) Lamps, Braking Lamps and Signal Lamps of Motor Vehicles and Their Trailers</b>	OG dated 13/11/2001 and no. 24582	12/03/2002	97/30/EC	Turkish Standards Institute (TSE)
<b>76/759/EEC Direction indicator lamps for motor vehicles and their trailers</b>	OG dated 14/03/2001 and no. 24342	14/06/2001	99/15/EC	Turkish Standards Institute (TSE)
<b>76/760/EEC Rear registration plate lamps for motor vehicles and their trailers</b>	OG dated 24/03/2001 and no. 24352	24/06/2001	97/31/EC	Turkish Standards Institute (TSE)
<b>76/761/EEC Headlamps which function as main-beam and/or dipped beam headlamps and to the light sources (filament lamps and others) for use in approved lamp units of motor vehicles and their trailers</b>	OG dated 11/09/2000 and no. 24167 <b>Amendment:</b> OG dated 9/3/2004 and no. 25397	11/12/2000	1999/17/EC	Turkish Standards Institute (TSE)
<b>76/762/EEC Front fog lamps for motor vehicles</b>	OG dated 14/08/2000 and no. 24140	14/11/2000	1999/18/EC	Turkish Standards Institute (TSE)
<b>77/389/EEC Motor vehicle towing</b>	OG dated 30/10/2000 and	30/01/2001	96/64/EC	Turkish Standards Institute (TSE)



<b>devices</b>	no. 24125 <b>Amendment:</b> OG dated 09/03/2001 and no. 25043			Istanbul Technical University (ITU)
<b>77/538/EEC Rear fog lamps for motor vehicles and their trailers</b>	OG dated 21/08/2000 and no. 24147	21/11/2000	99/14/EC	Turkish Standards Institute (TSE)
<b>77/539/EEC Reversing lamps for motor vehicles and their trailers</b>	OG dated 15/08/2000 and no. 24141	15/11/2000	97/32/EC	Turkish Standards Institute (TSE)
<b>77/540/EEC Parking lamps for motor vehicles</b>	OG dated 08/05/2001 and no. 24392	08/08/2001	99/16/EC	Turkish Standards Institute (TSE)
<b>77/541/EEC Regulation on Type Approval for safety belts and restrain systems of motor vehicles</b>	OG dated 17/04/2000 and no. 24023 <b>Amendment:</b> OG dated 01/04/2003 and no. 25066	17/04/2000	2000/3/EC	Turkish Standards Institute (TSE) TUV SUD
<b>77/649/EEC Field of vision of motor vehicle drivers</b>	OG dated 14/05/2001 and no. 24402	14/08/2001	90/630/EC	Turkish Standards Institute (TSE) TUV SUD
<b>78/316/EEC Interior fittings of motor vehicles (identification of controls, tell-tales and indicators)</b>	OG dated 23/09/1999 and no. 23825 <b>Amendment:</b> OG dated 26/12/2001 and no. 24622	23/09/1999	94/53/EC	Turkish Standards Institute (TSE) Istanbul Technical University (ITU)
<b>78/317/EEC Defrosting and demisting systems of glazed surfaces</b>	OG dated 21/01/2001 and no. 24294	21/04/2001	78/317/EEC	Turkish Standards Institute (TSE)

<b>of motor vehicles</b>				
<b>78/318/EEC Wiper and washer systems of motor vehicles</b>	OG dated 08/01/2001 and no. 24281	08/04/2001	94/68/EC	Turkish Standards Institute (TSE)
<b>78/548/EEC Heating Systems for Passenger Compartments of Motor Vehicles</b> <b>2001/56/EC Heating Systems for Passenger Compartments of Motor Vehicles</b>	OG dated 12/11/2001 and no. 24581 OG dated 25/03/2005 and no. 25766	12/03/2002 25/09/2005	78/548/EC	Turkish Standards Institute (TSE) TUV SUD
<b>78/549/EEC Wheel guards of motor vehicles</b>	OG dated 30/11/2000 and no. 24246	01/03/2001	94/78/EC	Turkish Standards Institute (TSE)
<b>78/932/EEC Head restraints of seats of motor vehicles</b>	OG dated 03/12/2000 and no. 24249	03/03/2001	87/354/EC	Turkish Standards Institute (TSE) Istanbul Technical University (ITU) TUV SUD
<b>80/1268/EEC Carbon dioxide emissions from and fuel consumption of motor vehicles</b>	OG dated 11/11/2001 and no. 24580 <b>Amendment:</b> OG dated 19/7/2002 and no. 24820	11/03/2002	99/100/EC	Turkish Standards Institute (TSE) Istanbul Technical University (ITU)
<b>80/1269/EEC Engine Power of Motor Vehicles</b>	OG dated 12/11/2001 and no. 24581 <b>Amendment:</b> OG dated 19/7/2002 and no. 24820	12/3/2002	99/99/EC	Turkish Standards Institute (TSE) Istanbul Technical University (ITU)

<b>88/77/EEC Measures to be taken against the emission of gaseous and particulate pollutants from diesel engines for use in vehicles</b>	OG dated 24/06/2003 and no. 25148  <b>Amendment:</b>  OG dated 9/3/2004 and no. 25397	24/06/2003  Mandatory implementation date:  01/01/2007	91/542/EC	Turkish Standards Institute (TSE)  Istanbul Technical University (ITU)
<b>89/297/EC Lateral protection</b>	OG dated 13/1/2002 and no. 24639  <b>Amendment:</b>  OG dated 23/6/2004 and no. 25501		89/297/EC	Turkish Standards Institute (TSE)
<b>91/226/EEC Spray-suppression systems of certain categories of motor vehicles and their trailers</b>	OG dated 08/06/2002 and no. 24779	08/09/2002	91/226/EC	Turkish Standards Institute (TSE)
<b>92/21/EEC Masses and dimensions of motor vehicles M1</b>	OG dated 29/05/2002 and no. 24769	29/08/2002	95/48/EC	Turkish Standards Institute (TSE)  Istanbul Technical University (ITU)
<b>92/22/EEC Safety Glasses and Glass Materials for Motor Vehicles</b>	OG dated 02/12/2001 and no. 24601  <b>Amendment I:</b>  OG dated 2/2/2005 and no. 25715	02/03/2002	2001/92/EC	Turkish Standards Institute (TSE)
<b>92/23/EEC Regulation on Type Approval of tires for motor vehicles and their trailers and their fittings</b>	OG dated 25/04/2000 and no. 24030  <b>Amendment I:</b>  OG dated 28/07/2000 and	25/07/2000	2001/43/EC	Turkish Standards Institute (TSE)

	no. 24123 <b>Amendment II:</b> OG dated 29/2/2005 and no. 25722			
<b>92/24/EEC Speed limitation devices of motor vehicles</b>	OG dated 05/06/2002 and no. 24776 <b>Amendment 1:</b> OG dated 22/1/2004 and no. 25354 <b>Amendment II:</b> OG dated 18/7/2004 and no. 25526	05/09/2002	92/24/EC	Turkish Standards Institute (TSE) TUV SUD
<b>92/114/EEC External projections forward of the cab's rear panel of motor vehicles of category N</b>	OG dated 08/06/2002 and no. 24779	08/09/2002	92/114/EC	Turkish Standards Institute (TSE)
<b>94/20/EEC Mechanical Coupling Devices of Motor Vehicles and their attachment</b>	OG dated 05/01/2002 and no. 24631	05/04/2002	94/20/EC	Turkish Standards Institute (TSE) TUV SUD
<b>95/28/EC Burning behavior of motor materials used in the interior construction of certain categories of motor vehicle</b>	OG dated 21/01/2002 and no. 24647	21/04/2002	95/28/EC	Turkish Standards Institute (TSE) TUV SUD
<b>96/27/EC Protection of occupants of</b>	OG dated 16/01/2002 and	16/04/2002	96/27/EC	Turkish Standards Institute (TSE)

<b>motor vehicles in case of a side impact</b>	no. 24642			TUV SUD
<b>96/79/EC Protection of occupants of motor vehicles in case of a front impact</b>	OG dated 17/01/2002 and no. 24643	17/04/2002	99/98/EC	Turkish Standards Institute (TSE) TUV SUD
<b>97/27/EC Masses and dimensions of certain categories of motor vehicles and their trailers</b>	OG dated 18/4/2003 and no. 225082 <b>Amendment:</b> OG dated 5/5/2004 and no. 25453	18/07/2002	2003/19/EC	Turkish Standards Institute (TSE) Istanbul Technical University (ITU)
<b>98/91/EC Motor vehicles and trailers intended for the transport of dangerous goods by road</b>	OG dated 11/05/2003 and no. 25106	11/08/2003	98/91/EC	Turkish Standards Institute (TSE) TUV SUD
<b>2000/40/EC Front underrun protection of motor vehicles</b>	OG dated 16/10/2003 and no. 25261	1/1/2006	2000/40/EC	Turkish Standards Institute (TSE) TUV SUD
<b>2001/85/EC Vehicles used for carriage of passengers comprising more than eight seats in addition the driver's seat</b>	OG dated 2/7/2004 and no. 2551	13/2/2008	2001/85/EC As of 13 Feb. 2008	Turkish Standards Institute (TSE) TUV SUD
<b>2003/102/EC Protection of pedestrians and other vulnerable road users before and in the event of a collision with a motor vehicle</b>	OG dated 1/5/2005 and no. 25802	1/1/2006	2004/90/EC	Turkish Standards Institute (TSE) TUV SUD

**TWO OR THREE WHEELED VEHICLES (MOTOCYCLES-MOPEDS)**

<b>TITLE OF THE LEGISLATION</b>	<b>DATE OF PUBLICATION (Turkish Official Journal)</b>	<b>EFFECTIVE DATE</b>	<b>IMPLEMENTATION LEVEL</b>	<b>TECHNICAL SERVICES</b>
<b>92/61/EEC</b> Type-approval of two or three wheeled motor vehicles <b>2002/24/EC</b> Type- approval of two or three wheeled motor vehicles	OG dated 02/07/1999 and no. 23743  <b>Amendment:</b> OG dated 23/12/2004 and no. 25679	02/01/2000  1/1/2005	2002/24/EC	Turkish Standards Institute (TSE)
<b>93/14/EEC</b> Braking of two- or three-wheel motor vehicles	OG dated 22/11/2002 and no.24944	22/02.2003 Mandatory implementation 1/1/2004	93/14/EEC	Turkish Standards Institute (TSE) Istanbul Technical University (ITU)
<b>93/29/EEC</b> Identification of controls, tell-tales and indicators of two- or three-wheel motor vehicles	OG dated 14/11/2002 and no.24936	14/02/2003 Mandatory implementation 1/1/2004	2000/74/EEC	Turkish Standards Institute (TSE) Istanbul Technical University (ITU)
<b>93/30/EEC</b> Audible warning devices for two- or three-wheel motor vehicles	OG dated 22/11/2002 and no.24944	22/02/2003 Mandatory implementation 01/01/2004	93/30/EEC	Turkish Standards Institute (TSE) Istanbul Technical University (ITU)
<b>93/31/EEC</b> Stands for two-wheel motor vehicles	OG dated 14/11/2002 and no.24936	14/02/2003 Mandatory implementation 01/01/2004	2000/72/EEC	Turkish Standards Institute (TSE) Istanbul Technical University (ITU)
<b>93/32/EEC</b> Passenger hand-holds on two-wheel motor vehicles	OG dated 16/11/2002 and no.24938	16/02/2003 Mandatory implementation	99/24/EEC	Turkish Standards Institute (TSE) Istanbul Technical University (ITU)

		01/01/2004		
<b>93/33/EEC</b> <b>Protective devices intended to prevent unauthorized use of two- or three-wheel motor vehicles</b>	OG dated 14/11/2002 and no.24936	14/02/2003 Mandatory implementation 01/01/2004	99/23/EEC	Turkish Standards Institute (TSE) Istanbul Technical University (ITU)
<b>93/34/EEC</b> <b>Statutory markings for two- or three-wheel motor vehicles</b>	OG dated 16/11/2002 and no.24938	16/02/2003 Mandatory implementation 01/01/2004	1999/25/EEC	Turkish Standards Institute (TSE) Istanbul Technical University (ITU)
<b>93/92/EEC</b> <b>Installation of lighting and light-signaling devices on two- or three-wheel motor vehicles</b>	OG dated 20/11/2002 and no.24942	20/02/2003 Mandatory implementation 01/01/2004	2000/73/EEC	Turkish Standards Institute (TSE) Istanbul Technical University (ITU)
<b>93/93/EEC</b> Masses and dimensions of two- or three-wheel motor vehicles	OG dated 22/11/2002 and no.24944	22.2.2003 Mandatory implementation 1/1/2004	93/93/EEC	Turkish Standards Institute (TSE) Istanbul Technical University (ITU)
<b>93/94/EEC</b> <b>Space for mounting the rear registration plate of two- or three-wheel motor vehicles</b>	OG dated 14/11/2002 and no.24936	14/02/2003 Mandatory implementation 01/01/2004	1999/26/EEC	Turkish Standards Institute (TSE) Istanbul Technical University (ITU)
<b>95/1/EC</b> <b>Maximum design speed, maximum torque and maximum net engine power of two- or three-</b>	OG dated 22/11/2002 and no.24944	22/02/2003 Mandatory implementation 01/01/2005	2002/41/EEC	Turkish Standards Institute (TSE) Istanbul Technical University (ITU)

<b>wheel motor vehicles</b>				
<b>97/24/EC Certain components and characteristics of two- or three-wheel motor vehicles</b>	OG dated 18/07/2003 and no.25172	01/01/2004 Mandatory implementation for emission 1/1/2007	2002/51/EEC	Istanbul Technical University (ITU)
<b>2000/7/EEC Speedometers for two- or three-wheel motor vehicles</b>	OG dated 17/11/2002 and no.24939	17.2.2003 Mandatory implementation 1/1/2004	2000/7/EC	Turkish Standards Institute (TSE) Istanbul Technical University (ITU)

#### AGRICULTURAL AND FORESTRY TRACTORS

<b>TITLE OF THE LEGISLATION</b>	<b>DATE OF PUBLICATION (Turkish Official Gazette)</b>	<b>EFFECTIVE DATE</b>	<b>IMPLEMENTATION LEVEL</b>	<b>TECHNICAL SERVICES</b>
<b>74/150/EEC</b> Type-approval of wheeled agricultural and forestry tractors	OG dated 07/01/1999 and no. 23576  <b>Amendment:</b> OG dated 8/4/2005 and no. 25780 (2001/3/EC)	07/07/1999	2001/3/EC  As of 1 July  2007	
<b>74/151/EEC</b> Certain parts and characteristics of wheeled agricultural or forestry tractors	OG dated 13/06/2002 and no. 247784	13/09/2002	98/38/EEC	Turkish Standards Institute (TSE)  37/B  Ministry of Agriculture and Rural Affairs



				Agricultural Machinery Testing Center (TAMTEST) 37/D
<b>74/152/EEC</b> Maximum design speed of and load platforms for wheeled agricultural or forestry tractors	OG dated 02/06/2002 and no. 24773  <b>Amendment:</b>  OG dated 9/3/2004 and no. 25397	02/09/2002	98/89/EEC	Turkish Standards Institute (TSE)  Ministry of Agriculture and Rural Affairs Agricultural Machinery Testing Center
<b>74/346/EEC</b> Rear view mirrors of wheeled agricultural or forestry tractors	OG dated 04/07/2001 and no. 24452	04/10/2001	98/40/EEC	Turkish Standards Institute (TSE)  Ministry of Agriculture and Rural Affairs Agricultural Machinery Testing Center
<b>74/347/EEC</b> Field of vision and windscreen wipers	OG dated 24/02/2001 and no. 24310	24/05/2001	97/57/EEC	Turkish Standards Institute (TSE)  Ministry of Agriculture and Rural Affairs Agricultural Machinery Testing Center
<b>75/321/EEC</b> Steering equipment	OG dated 06/02/2001 and no. 24310	06/05/2001	98/39/EEC	Turkish Standards Institute (TSE)  Ministry of Agriculture and Rural Affairs Agricultural Machinery Testing Center
<b>75/322/EEC</b> Suppression of radio interference produced by spark-ignition engines fitted to	OG dated 24/06/2003 and no. 25148	01/1/2005	2001/3/EEC	Turkish Standards Institute (TSE)

<b>wheeled agricultural or forestry tractors</b>	<b>Amendment:</b> OG dated 30/06/2005 and no25861			
<b>75/323/EEC Power connection fitted on wheeled agricultural and forestry tractors for lighting and light-signaling devices on tools, machinery or trailers intended for agricultural and forestry tractors</b>	OG dated 17/12/1999 and no. 23909  <b>Note:</b> Repealed by 78/933/EEC  78/933/EEC is implemented in Turkey	17/12/1999	Not applicable	Turkish Standards Institute (TSE)  Ministry of Agriculture and Rural Affairs Agricultural Machinery Testing Center
<b>76/432/EEC Braking devices of wheeled agricultural or forestry tractors</b>	OG dated 18/01/2002 and no. 24644.	18/04/2002	97/54/EC	Turkish Standards Institute (TSE)  Ministry of Agriculture and Rural Affairs Agricultural Machinery Testing Center
<b>76/763/EEC Passenger seats for wheeled agricultural and forestry tractors</b>	OG dated 26/01/2000 no. 23945  <b>Amendment:</b> OG dated 30/06/2001 and no 24448	26/01/2000	1999/55/EEC	Turkish Standards Institute (TSE)  Ministry of Agriculture and Rural Affairs Agricultural Machinery Testing Center
<b>78/764/EEC Driver's seat</b>	OG dated 30/11/2000 and no. 24246	01/03/2001	99/57/EC	Turkish Standards Institute (TSE)  Ministry of Agriculture and Rural Affairs Agricultural Machinery Testing Center
<b>77/311/EEC Driver-perceived noise level</b>	OG dated 14/10/2002 and	14/10/2003	77/311/EEC	Turkish Standards

<b>of wheeled agricultural or forestry tractors</b>	no. 24906 <b>Amendment:</b> OG dated 7/7/2004 and no. 25515	Mandatory implementation  01/01/2005		Institute (TSE)  Ministry of Agriculture and Rural Affairs Agricultural Machinery Testing Center
<b>77/536/EEC Roll-over protection structures of wheeled agricultural and forestry tractors</b>	OG dated 16/08/2000 and no. 24142 <b>Amendment:</b> OG dated 10/08/2003 and no 25195	16/11/2000	1999/55/EEC	Turkish Standards Institute (TSE)  Ministry of Agriculture and Rural Affairs Agricultural Machinery Testing Center
<b>77/537/EEC Measures to be taken against the emission of pollutants from diesel engines for use in wheeled agricultural or forestry tractors</b>	OG dated 16/08/2000 and no. 24142	18/07/2003  Mandatory implementation  01/01/2004	97/54/EEC	Turkish Standards Institute (TSE)
<b>78/933/EEC Installation of lighting and light-signaling devices on wheeled agricultural or forestry tractors</b>	OG dated 15/10/2002 no. 24907	01/01/2003	1999/56/EEC	Turkish Standards Institute (TSE)
<b>79/532/EEC Component type approval of lighting and light-signaling devices on wheeled agricultural or forestry tractors</b>	OG dated 20/10/2002 no. 24912	01/01/2003	97/54/EC	Turkish Standards Institute (TSE)
<b>79/533/EEC Coupling devices and the reverse of wheeled agricultural and forestry tractors</b>	OG dated 17/12/1999 and no. 23909 <b>Amendment:</b> OG dated 30/6/2001 and	17/12//1999	99/58/EEC	Turkish Standards Institute (TSE)  Ministry of Agriculture and Rural Affairs Agricultural Machinery

	no. 24448			Testing Center
<b>79/622/EEC Roll-over protection structures of wheeled agricultural and forestry tractors (static testing)</b>	OG dated 17/08/2000 and no. 24143  <b>Amendment:</b>  OG dated 08/08/2003 and no 25193	17/11/2000	1999/40/EEC	Turkish Standards Institute (TSE)  Ministry of Agriculture and Rural Affairs Agricultural Machinery Testing Center
<b>80/720/EEC Operating space, access to driving position and the doors and windows of wheeled agricultural or forestry tractors</b>	OG dated 04/06/2002 and no. 24775	04/09/2002	97/54/EEC	Turkish Standards Institute (TSE)  Ministry of Agriculture and Rural Affairs Agricultural Machinery Testing Center
<b>86/297/EEC Power take-offs and their protection</b>	OG dated 02/11/2000 and no. 24218	02/03/2001	97/54/EEC	Turkish Standards Institute (TSE)  Ministry of Agriculture and Rural Affairs Agricultural Machinery Testing Center
<b>86/298/EEC Rear-mounted roll-over protection structures of narrow-track wheeled agricultural or forestry tractors</b>	OG dated 02/06/2002 and no. 24773	02/09/2002	2000/19/EEC	Turkish Standards Institute (TSE)  Ministry of Agriculture and Rural Affairs Agricultural Machinery Testing Center
<b>86/415/EEC Installation, location, operation and identification of the controls of wheeled agricultural or forestry tractors</b>	OG dated 15/01/2002 and no. 24641	15/04/2002	97/54/EEC	Turkish Standards Institute (TSE)  Ministry of Agriculture and Rural Affairs Agricultural Machinery Testing Center

				Testing Center
<b>87/402/EEC Roll-over protection structures mounted in front of driver's seat on narrow-track wheeled agricultural or forestry tractors</b>	OG dated 02/08/2001 and no.24481	01/08/2001	2000/22/EEC	Turkish Standards Institute (TSE)  Ministry of Agriculture and Rural Affairs Agricultural Machinery Testing Center
<b>89/173/EEC Certain components and characteristics of wheeled agricultural or forestry tractors</b>	OG dated 25/06/2003 and no.25149	26/09/2003  Mandatory implementation  01/01/2005	2001/1/EC	Turkish Standards Institute (TSE)  Ministry of Agriculture and Rural Affairs Agricultural Machinery Testing Center
<b>2000/25/EC Measures to be taken against gaseous emissions and particulate pollutions from engines intended to power agricultural or forestry tractors</b>	OG dated 29/12/2002 and no. 24978  <b>Amendment:</b>  OG dated 11/7/2004 and no. 25519	Phase I: 01/03/2003  Phase II: 01/01/2007	2000/25/EC	Turkish Standards Institute (TSE)  Istanbul Technical University (ITU)